

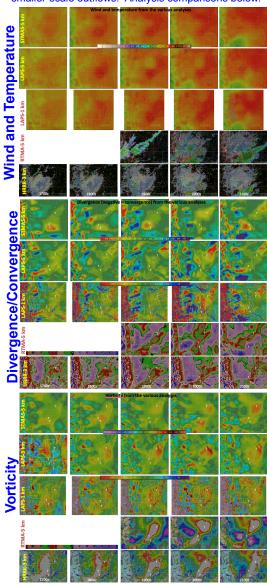
Case study comparisons of LAPS, STMAS and other analyses Ed Szoke^{1,2}, Steve Albers^{1,2}, and Yuanfu Xie²



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16 August 2010 DCVZ/tornado case

This case combines a stationary boundary (DCVZ) with smaller-scale outflows. Analysis comparisons below.

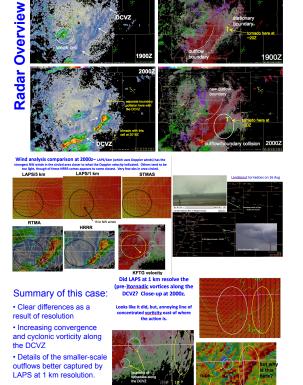


Overview

Part of our development of the newer versions of LAPS and STMAS involves examining individual cases subjectively as a forecaster would do. On this poster we compare:

- Conventional LAPS (5 km on the horizontal grid)
- LAPS hi-resolution (1 km)
- STMAS (5 km version)
- STMAS (2 km)
- RTMA (at 5 km, now down to 2.5 km)

16 August 2010 case - more details



22 October 2010 comparisons - Upper low right over area

